

14-1002: Human Peripheral Blood CD4/CD25 Regulatory T Cells(Discontinued)

Description

Human peripheral blood regulatory T cells (Tregs) are a subpopulation of T cells that play an important role in maintaining self-tolerance in the adaptive immune system by suppressing potentially deleterious activities of CD4+ helper T cells, which, if not regulated, can cause a variety of autoimmune disorders.

Peripheral Blood CD4+CD25+ Tregs are enriched in a two-step process. First, cells expressing CD8, CD14, CD16, CD19, CD20, CD36, CD56, CD66b, CD123, TCR α/β , and CD235a are depleted from the peripheral blood mononuclear cell population using immunomagnetic particles leaving purified, untouched CD4+ T cells. Then, enriched CD4+ T cells are selected for CD25+ cells by positive selection using anti-CD25 immunomagnetic particles allowing for the enrichment of CD4+CD25+ regulatory T cells. Isolated cells are characterized by flow cytometry to ensure a highly pure and viable cell population.

Cells were obtained using Institutional Review Board (IRB) approved consent forms and protocols.

Product Info

Amount :	1 Vial
Content :	Each cryopreserved vial contains 2 million cells. Preserved in CryoStor [®] , ϕ CS10 (10% DMSO)
Storage condition :	Immediately upon receipt, store in liquid nitrogen.

Application Note

LIMITED USE RESTRICTIONS:

THIS PRODUCT IS SOLELY FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

By use of this product, user agrees to be bound by the terms of this limited use statement.

This product is solely for Internal Research Purposes and not for Commercial Purposes. Commercial Purposes include, but are not limited to (1) use of the cell line in manufacturing; (2) use of the cell line to provide a service, information or data; (3) use of the cell line for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the cell line whether or not such cell lines are resold for use in research.

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